

10/091,880

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NEWS	4	Feb 24	TEMA now available on STN
NEWS	5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	6	Feb 26	PCTFULL now contains images
NEWS	7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	8	Mar 24	PATDPAFULL now available on STN
NEWS	9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	10	Apr 11	Display formats in DGENE enhanced
NEWS	11	Apr 14	MEDLINE Reload
NEWS	12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS	14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	15	Apr 28	RDISCLOSURE now available on STN
NEWS	16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	18	May 15	Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS	19	May 19	Simultaneous left and right truncation added to WSCA
NEWS	20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS	21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS	22	Jun 06	PASCAL enhanced with additional data
NEWS	23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS	24	Jun 25	HSDB has been reloaded
NEWS	25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS	26	Jul 21	Identification of STN records implemented
NEWS	27	Jul 21	Polymer class term count added to REGISTRY
NEWS	28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS	29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS	30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS	31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS	32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS	33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS	34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS	35	AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS	36	AUG 18	Simultaneous left and right truncation added to PASCAL

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NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right  
Truncation  
NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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FILE 'HOME' ENTERED AT 14:43:39 ON 22 AUG 2003

=> file uspatfull		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'USPATFULL' ENTERED AT 14:44:02 ON 22 AUG 2003  
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 21 Aug 2003 (20030821/PD)  
FILE LAST UPDATED: 21 Aug 2003 (20030821/ED)  
HIGHEST GRANTED PATENT NUMBER: US6609253  
HIGHEST APPLICATION PUBLICATION NUMBER: US2003159190  
CA INDEXING IS CURRENT THROUGH 21 Aug 2003 (20030821/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 21 Aug 2003 (20030821/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2003  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2003

>>> USPAT2 is now available. USPATFULL contains full text of the	<<<
>>> original, i.e., the earliest published granted patents or	<<<
>>> applications. USPAT2 contains full text of the latest US	<<<
>>> publications, starting in 2001, for the inventions covered in	<<<
>>> USPATFULL. A USPATFULL record contains not only the original	<<<
>>> published document but also a list of any subsequent	<<<
>>> publications. The publication number, patent kind code, and	<<<
>>> publication date for all the US publications for an invention	<<<
>>> are displayed in the PI (Patent Information) field of USPATFULL	<<<
>>> records and may be searched in standard search fields, e.g., /PN,	<<<
>>> /PK, etc.	<<<
>>> USPATFULL and USPAT2 can be accessed and searched together	<<<
>>> through the new cluster USPATALL. Type FILE USPATALL to	<<<
>>> enter this cluster.	<<<
>>>	<<<
>>> Use USPATALL when searching terms such as patent assignees,	<<<
>>> classifications, or claims, that may potentially change from	<<<
>>> the earliest to the latest publication.	<<<

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s cosmetic?

L1 48920 COSMETIC?

=> oil in water or water in oil

OIL IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> s oil in water or water in oil

482749 OIL

1052870 WATER

43789 OIL IN WATER

(OIL(1W)WATER)

1052870 WATER

482749 OIL

36781 WATER IN OIL

(WATER(1W)OIL)

L2 61367 OIL IN WATER OR WATER IN OIL

=> d his

(FILE 'HOME' ENTERED AT 14:43:39 ON 22 AUG 2003)

FILE 'USPATFULL' ENTERED AT 14:44:02 ON 22 AUG 2003

L1 48920 S COSMETIC?

L2 61367 S OIL IN WATER OR WATER IN OIL

=> s l1 and l2

L3 7794 L1 AND L2

=> s mineral oil?

164517 MINERAL

523431 OIL?

L4 59973 MINERAL OIL?

(MINERAL(W)OIL?)

=> s l3 and l4

L5 3732 L3 AND L4

=> s fragrance? or rheology modifier? or preservative? or ph adjuster?

22510 FRAGRANCE?

11913 RHEOLOGY

56173 MODIFIER?

1690 RHEOLOGY MODIFIER?

(RHEOLOGY(W)MODIFIER?)

73759 PRESERVATIVE?

350938 PH

21328 ADJUSTER?

2628 PH ADJUSTER?

(PH(W)ADJUSTER?)

L6 92084 FRAGRANCE? OR RHEOLOGY MODIFIER? OR PRESERVATIVE? OR PH ADJUSTER  
?

=> s l5 and l6

L7 3062 L5 AND L6

=> s sunscreen?

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L8 5903 SUNSCREEN?

=> s l7 and l8

L9 1416 L7 AND L8

=> s silicone? elastomer?

165443 SILICONE?

156844 ELASTOMER?

L10 6340 SILICONE? ELASTOMER?  
(SILICONE? (W) ELASTOMER?)

=> s l9 and l10

L11 65 L9 AND L10

=> s lotion? or conditioner? or shampoo? or facial cream?

27699 LOTION?

34813 CONDITIONER?

13223 SHAMPOO?

17150 FACIAL

66627 CREAM?

202 FACIAL CREAM?

(FACIAL (W) CREAM?)

L12 64915 LOTION? OR CONDITIONER? OR SHAMPOO? OR FACIAL CREAM?

=> s l11 and l12

L13 58 L11 AND L12

=> s Ostwald

L14 1780 OSTWALD

=> s l13 and l14

L15 0 L13 AND L14

=> s ripen?

L16 11334 RIPEN?

=> s l13 and l16

L17 0 L13 AND L16

=> s stabili?

L18 719338 STABILI?

=> s l18 and l13

L19 53 L18 AND L13

=> s process?

L20 2036349 PROCESS?

=> s l19 and l20

L21 48 L19 AND L20

=> s cosmetic?/ti

L22 4650 COSMETIC?/TI

=> s l22 and l21

L23 20 L22 AND L21

=> s emollient?

L24 8045 EMOLLIENT?

=> s l23 and l24

L25 19 L23 AND L24

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=> d his

(FILE 'HOME' ENTERED AT 14:43:39 ON 22 AUG 2003)

FILE 'USPATFULL' ENTERED AT 14:44:02 ON 22 AUG 2003

L1 48920 S COSMETIC?  
L2 61367 S OIL IN WATER OR WATER IN OIL  
L3 7794 S L1 AND L2  
L4 59973 S MINERAL OIL?  
L5 3732 S L3 AND L4  
L6 92084 S FRAGRANCE? OR RHEOLOGY MODIFIER? OR PRESERVATIVE? OR PH ADJUS  
L7 3062 S L5 AND L6  
L8 5903 S SUNSCREEN?  
L9 1416 S L7 AND L8  
L10 6340 S SILICONE? ELASTOMER?  
L11 65 S L9 AND L10  
L12 64915 S LOTION? OR CONDITIONER? OR SHAMPOO? OR FACIAL CREAM?  
L13 58 S L11 AND L12  
L14 1780 S OSTWALD  
L15 0 S L13 AND L14  
L16 11334 S RIPEN?  
L17 0 S L13 AND L16  
L18 719338 S STABILI?  
L19 53 S L18 AND L13  
L20 2036349 S PROCESS?  
L21 48 S L19 AND L20  
L22 4650 S COSMETIC?/TI  
L23 20 S L22 AND L21  
L24 8045 S EMOLLIENT?  
L25 19 S L23 AND L24

=> s chromophobic?

L26 25 CHROMOPHOBIC?

=> s chromophoric?

L27 3014 CHROMOPHORIC?

=> s l27 and l25

L28 1 L27 AND L25

=> d 1 ibib abs

L28 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 2003:6657 USPATFULL

TITLE: **Cosmetic** compositions with menthol

INVENTOR(S): Mohammadi, Fatemeh, Hebron, CT, United States

Vargas, Anthony, Monroe, CT, United States

PATENT ASSIGNEE(S): Conopco, Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6503517	B1	20030107
APPLICATION INFO.:	US 2000-544027		20000406 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-178992P	20000128 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Hartley, Michael G.	

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ASSISTANT EXAMINER: George, Konata M.  
LEGAL REPRESENTATIVE: Honig, Milton L.  
NUMBER OF CLAIMS: 4  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)  
LINE COUNT: 409

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **cosmetic** composition is provided which includes menthol suspended in a carrier system of a crosslinked non-emulsifying siloxane elastomer and a volatile siloxane. The carrier system prevents crystallization and granulation of menthol from the **cosmetic** compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s us6503517/pn  
L29 1 US6503517/PN

=> s l29 and l28  
L30 1 L29 AND L28

=> d kwic

L30 ANSWER 1 OF 1 USPATFULL on STN

TI **Cosmetic** compositions with menthol

PI US 6503517 B1 20030107 <--

AB A **cosmetic** composition is provided which includes menthol suspended in a carrier system of a crosslinked non-emulsifying siloxane elastomer and a volatile siloxane. The carrier system prevents crystallization and granulation of menthol from the **cosmetic** compositions.

SUMM The invention concerns **cosmetic** compositions formulated with menthol and its derivatives.

SUMM . . . right side of the face. It extends beyond the ear, underneath and branches out towards the cheek area. Properly formulated **cosmetic** compositions can stimulate the receptors to produce very positive pleasant effects.

SUMM A problem with menthol is dissolving or uniformly dispersing the compound in a **cosmetic** delivery system. After storage, in many systems menthol has a tendency to crystallize. Severe crystallization leads to granulation effects being. . .

SUMM Accordingly, it is an object of the present invention to provide a **cosmetic** composition formulated with menthol which avoids crystallization and the aesthetically displeasing effects of granulation.

SUMM Another object of the present invention is to provide a **cosmetic** composition incorporating menthol which enhances pleasant skin sensations while minimizing any negative properties of menthol.

SUMM A **cosmetic** composition is provided which includes:

SUMM . . . cyclomethicone) from Grant Industries, Inc., Elmwood Park, N.J. The commercial products from General Electric and Grant Industries may be further **processed** by subjecting them to a high pressure (approximately 5,000 psi) treatment in a Sonolator with recycling in 10 to 60. . .

SUMM . . . 2%, more preferably from about 0.1 to about 1%, optimally from about 0.2 to about 0.5% by weight of the **cosmetic** composition.

SUMM **Cosmetic** compositions of the present invention are particularly preferred when in the anhydrous form (less than about 5% water, preferably less than about 1% **water**). Yet **oil** and **water** emulsions may also be suitable for the present invention. Whether anhydrous or emulsion type, compositions of the

present invention may. . . preferably from about 5 to about 70%, optimally from about 10 to about 40% by weight. Among the carriers are **emollients**, water, inorganic powders, foaming agents, surfactants and combinations thereof.

SUMM **Emollients** are substances selected from polyols, esters and hydrocarbons. Polyols suitable for the invention may include propylene glycol, dipropylene glycol, polypropylene. . .

SUMM Esters useful as **emollients** include:

SUMM Illustrative hydrocarbons are **mineral oil**, polyalphaolefins, petrolatum, isoparaffin, polybutenes and mixtures thereof.

SUMM Among the skin actives may be included Vitamin C and its derivatives, alpha- and beta-hydroxycarboxylic acids, retinoids, **sunscreens**, botanical extracts and sunless tanners. Vitamin C covers ascorbic acid, magnesium ascorbate, ascorbyl tetra fatty esters such as the tetraisopalmitate. . . kamala, rosemary, henna, lavender, sandalwood, eucalyptus and combinations thereof. Sunless tanners are particularly represented by dihydroxyacetone and sugars (e.g. xylitol). **Sunscreens** are those materials having at least one **chromophoric** group absorbing within the ultraviolet range somewhere from 290 to 400 nm. Particularly useful **sunscreens** are benzophenone-3, octyl dimethyl PABA, butyl methoxy dibenzoylmethane, octyl methoxycinnamate and octocrylene.

SUMM . . . 20%, more preferably from about 0.1 to about 10%, optimally from about 0.5 to about 5% by weight of the **cosmetic** composition.

SUMM Minor adjunct ingredients may also be included in **cosmetic** compositions of this invention. These ingredients may be selected from **preservatives**, **fragrances**, anti-foam agents, opacifiers, colorants and mixtures thereof, each in their effective amounts to accomplish their respective functions.

SUMM The compositions of the present invention may be applied to a variety of **cosmetics**. Most particularly they are suitable for skin creams and **lotions**. However, the compositions will have applicability to hair care products such as **shampoos**, **conditioners**, styling gels and hair sprays; shaving products (shaving foam, aftershave **lotion**); underarm products (antiperspirants and deodorants); personal wash products (toilet bars and body wash liquids); perfume and cologne; and lip care. . .

DETD

#### TABLE I

#### COMPONENT WEIGHT %

Cyclomethicone 36.0  
Crosslinked **Silicone Elastomer** 24.0  
In Cyclomethicone (25% Active)  
Propylene Glycol 20.5  
Polyethylene Glycol 200 10.5  
Dimethyl Isosorbide 2.0  
Ascorbic Acid 5.0  
Menthol 1.2

DETD A foaming skin **cosmetic** formulation is illustrated in Table II. The formulation is intended for delivery via a non-aerosol mechanical pump.

DETD . . . Elefac-205 .RTM. 3.0  
Borage Oil 1.0  
Tridecylsalicylate 2.0  
Alpha-Bisabolol 0.1  
Glyceryl Stearate 1.0

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Cetyl Alcohol 1.5  
Vitamin E Acetate 0.5

**Preservatives 0.4**

Amphisol A .RTM. 2.0

**PHASE C**

Water 1.8

Triethanolamine 1.0

Panthenol 0.2

**PHASE D**

Cyclomethicone 2.0

**Silicone Elastomer 25.0**

(7.5% Elastomer Solids in  
Cyclomethicone)

Menthol 1.0

**Fragrance 0.2**

DETD A typical **sunscreen** formulation according to the present invention is reported in Table III.

DETD . . . Retinyl Linoleate 0.01

Aluminum Stearate 5.00

Dow Corning 5225C 10.00

(Cyclomethicone/Dimethicone Copolyol)

Cetyl Dimethicone 1.00

DC 345 (Cyclomethicone) 2.00

Crosslinked **Silicone Elastomer** in 30.00

Cyclomethicone (25% Active)

ABIL-EM 97 .RTM. 1.00

Menthol 1.00

**Fragrance 0.15**

DETD . . . Balance

Trehalose 1.00

Green Tea 1.00

Ginko Biloba 0.50

Aloe Vera Powder 0.10

Neosorb .RTM. 2.00

(Sorbitol)

**PHASE F**

Crosslinked **Silicone Elastomer** in 13.71

Cyclomethicone (25% Active)

Menthol 1.00

Anethole 0.01

**PHASE G**

**Fragrance/Flavor 0.70**

DETD An after sun **lotion** according to the present invention is reported in Table V.

DETD . . . Phenonip .RTM. 0.58

**PHASE C**

Vitamin E Acetate 0.50

Cyclomethicone 1.00

Dimethicone Copolyol 1.00

Retinyl Linoleate 0.10

Menthol 2.00

Crosslinked **Silicone Elastomer** in 10.00

Cyclomethicone (7.5% Solid Elastomer)

DL-Panthanol 0.20

Triethanolamine 0.70

Deionized Water 6.33

Botanical Extract 1.00

DETD . . . Petrolatum 5.00

Glyceryl Behenate 3.00

Microcrystalline Wax 4.00

Propyl Paraben 0.10

**PHASE B**



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Cyclomethicone 1.00  
Vitamin E Acetate 0.50  
Crosslinked **Silicone Elastomer** in 10.00  
Cyclomethicone (7.5% Solid Elastomer)  
Dimethicone Copolyol 1.00  
Menthol 2.00

DETD . . . PHASE B

Decyl Oleate 3.00  
Bean Tree Oil 2.00  
Ceteareth-12 2.00  
Cetearyl Alcohol 2.00  
Phenonip .RTM. 0.45

PHASE C

Crosslinked **Silicone Elastomer** in 10.00  
Cyclomethicone (7.5% Solid Elastomer)  
Cyclomethicone 1.00  
Menthol 1.00

**Fragrance** 0.30

DETD . . . B

Myristic Acid 3.00  
Bean Tree Oil 1.00  
Stearic Acid 4.00  
Penonip .RTM. 0.45

PHASE C

Dimethicone Copolyol 1.00  
Crosslinked **Silicone Elastomer** in 10.00  
Cyclomethicone (7.5% Solid Elastomer)  
Cyclomethicone 1.00  
Menthol 1.00

**Fragrance** 0.30

DETD An after shave lotion according to the present invention is reported in Table IX.

DETD . . . 3.00

Bean Tree Oil 2.00  
Benzophenone-3 2.00  
Stearyl Alcohol 1.20  
Steareth-2 2.62  
Steareth-21 0.87  
Phenonip .RTM. 0.45

PHASE C

Crosslinked **Silicone Elastomer** in 10.00  
Cyclomethicone (7.5% Solid Elastomer)  
Cyclomethicone 1.00  
Menthol 1.00

**Fragrance** 3.00

PHASE D

Sodium Hydroxide (10% Solution) 0.50

PHASE E

Deionized Water 1.83  
Ethyl Alcohol 16.00

DETD . . . Tree Oil 3.00

Vitamin E Acetate 0.05  
Propyl Paraben 0.10

PHASE B

Cyclomethicone 1.00  
Silicone Powder 1.50  
Pigment 1.50  
Crosslinked **Silicone Elastomer** in 15.00  
Cyclomethicone (7.5% Solid Elastomer)  
Dimethicone Copolyol 1.00  
Menthol 1.00

PHASE C

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Deionized Water 66.80  
Disodium EDTA 0.10  
Butylene. . .

DETD

TABLE XI

INGREDIENT WEIGHT %

PHASE A

Cyclomethicone 5.00  
Crosslinked **Silicone Elastomer** in 10.00  
Cyclomethicone (7.5% Solid Elastomer)  
Menthol 1.00  
Dimethicone 200 Fluid (50 cst) 5.00  
Stearyl Heptonoate 1.00

PHASE B

Bean Tree Oil 1.00  
PPG Butyl Ether 15.00  
Aluminum Zirconium 44.70  
Tetrachlorohydrox Glycinate  
Hydroxylated Milk Glyceride 2.00

**Fragrance** 0.30

DETD An anhydrous mask was formulated to evaluate the **stability** enhancing effect of the cross-linked non-emulsifying siloxane and elastomers of the present invention with respect to menthol. Table XII lists. . . A revealed no crystallization of menthol while the micrograph of control Formulation B possessed considerable amounts of crystallized menthol. Storage **stability** was evidently enhanced by the presence of the cross-linked siloxane elastomer.

DETD . . . Powder 2.00 2.00

Salicylic Acid 1.00 1.00

PHASE B

Crosslinked Silicone 30.00 --  
Elastomer in Cyclomethicone  
(7.5% Solid Elastomer)  
Cyclomethicone -- 30.00  
Menthol 1.00 1.00  
Tridecyl Salicylate 10.00 10.00

**\*Mineral Oil** with Hydrogenated Ethylene/Propylene/Styrene

Copolymer

CLM What is claimed is:

1. A **cosmetic** composition comprising: (i) from about 0.1 to about 30% of a crosslinked non-emulsifying siloxane elastomer; (ii) from about 1 to. . .
4. A **cosmetic** composition comprising: (i) from about 0.1 to about 30% of a crosslinked non-emulsifying siloxane elastomer; (ii) from about 1 to. . .

=> d 128 ibib 1-20 abs

L28 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 2003:6657 USPATFULL

TITLE: **Cosmetic** compositions with menthol

INVENTOR(S): Mohammadi, Fatemeh, Hebron, CT, United States  
Vargas, Anthony, Monroe, CT, United States

PATENT ASSIGNEE(S): Conopco, Inc., New York, NY, United States (U.S. corporation)

NUMBER KIND DATE

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PATENT INFORMATION: US 6503517 B1 20030107  
APPLICATION INFO.: US 2000-544027 20000406 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-178992P	20000128 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Hartley, Michael G.	
ASSISTANT EXAMINER:	George, Konata M.	
LEGAL REPRESENTATIVE:	Honig, Milton L.	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	409	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **cosmetic** composition is provided which includes menthol suspended in a carrier system of a crosslinked non-emulsifying siloxane elastomer and a volatile siloxane. The carrier system prevents crystallization and granulation of menthol from the **cosmetic** compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

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FILE 'USPATFULL' ENTERED AT 14:44:02 ON 22 AUG 2003

L1 48920 S COSMETIC?  
L2 61367 S OIL IN WATER OR WATER IN OIL  
L3 7794 S L1 AND L2  
L4 59973 S MINERAL OIL?  
L5 3732 S L3 AND L4  
L6 92084 S FRAGRANCE? OR RHEOLOGY MODIFIER? OR PRESERVATIVE? OR PH ADJUS  
L7 3062 S L5 AND L6  
L8 5903 S SUNSCREEN?  
L9 1416 S L7 AND L8  
L10 6340 S SILICONE? ELASTOMER?  
L11 65 S L9 AND L10  
L12 64915 S LOTION? OR CONDITIONER? OR SHAMPOO? OR FACIAL CREAM?  
L13 58 S L11 AND L12  
L14 1780 S OSTWALD  
L15 0 S L13 AND L14  
L16 11334 S RIPEN?  
L17 0 S L13 AND L16  
L18 719338 S STABILI?  
L19 53 S L18 AND L13  
L20 2036349 S PROCESS?  
L21 48 S L19 AND L20  
L22 4650 S COSMETIC?/TI  
L23 20 S L22 AND L21  
L24 8045 S EMOLLIENT?  
L25 19 S L23 AND L24  
L26 25 S CHROMOPHOBIC?  
L27 3014 S CHROMOPHORIC?  
L28 1 S L27 AND L25  
L29 1 S US6503517/PN  
L30 1 S L29 AND L28

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=> d l25 ibib abs 1-19

L25 ANSWER 1 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:172686 USPATFULL

TITLE: **Cosmetic** compositions comprising silicone gels comprising entrapped, occluded or encapsulated pigments

INVENTOR(S): O'Brien, Michael J., Clifton Park, NY, UNITED STATES  
Rajaraman, Suresh K., Troy, NY, UNITED STATES  
Adams, Christine Helga, Surrey, UNITED KINGDOM  
Browne, Yvonne Bridget, Surrey, UNITED KINGDOM  
Kalla, Karen Kay, Cincinnati, OH, UNITED STATES  
Motley, Curtis Bobby, West Chester, OH, UNITED STATES  
Morrissey, Christopher Todd, Mason, OH, UNITED STATES  
Stephens, Alison Fiona, Cookham, UNITED KINGDOM  
Sunkel, Jorge Max, Cincinnati, OH, UNITED STATES  
PATENT ASSIGNEE(S): GENERAL ELECTRIC COMPANY (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003118530	A1	20030626
APPLICATION INFO.:	US 2002-103926	A1	20020322 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-858795, filed on 16 May 2001, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	GENERAL ELECTRIC COMPANY, One Plastics Avenue, Pittsfield, MA, 01201		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1606		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	Pigmented <b>cosmetic</b> formulations comprising a silicone gel comprising an entrapped, occluded or encapsulated pigment.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 2 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:158964 USPATFULL

TITLE: **Cosmetic** and/or dermatological acid composition containing an amphiphilic polymer

INVENTOR(S): Lorant, Raluca, Thiais, FRANCE  
Lennon, Paula, Lyon, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003108577	A1	20030612
APPLICATION INFO.:	US 2002-181412	A1	20020723 (10)
	WO 2002-FR47		20020108

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2001-336	20010111
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC, FOURTH FLOOR, 1755 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202	
NUMBER OF CLAIMS:	57	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1144	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

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AB The present invention relates to a **cosmetic** and/or dermatological composition containing an acidic aqueous medium and at least one amphiphilic polymer including at least one ethylenically unsaturated monomer containing a sulphonic group, in free form or partially or totally neutralized form and comprising at least one hydrophobic portion.

The invention also relates to the use of this composition for **cosmetically** treating and/or making up keratin materials, especially the skin, the hair and the mucous membranes of the skin.

The invention also relates to the use of an amphiphilic polymer including at least one ethylenically unsaturated monomer containing a sulphonic group, in free form or partially or totally neutralized form and comprising at least one hydrophobic portion to **stabilize** a **cosmetic** or dermatological composition containing at least one acidic active agent and/or having a pH less than or equal to 5.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 3 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:158885 USPATFULL

TITLE: **Silicone elastomer** emulsion  
**cosmetic** composition comprising colorant  
inclusive internal phase

INVENTOR(S): Stephens, Alison Fiona, Cookham, UNITED KINGDOM  
Jones, Neil John, Staines, UNITED KINGDOM  
Sunkel, Jorge Max, Cincinnati, OH, UNITED STATES

PATENT ASSIGNEE(S): Vatter, Michael Lee, Okeana, OH, UNITED STATES  
The Procter & Gamble Company, Cincinnati, OH (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003108498	A1	20030612
APPLICATION INFO.:	US 2002-280525	A1	20021025 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2001-25778	20011026
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1576	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **silicone elastomer** emulsion **cosmetic** compositions that comprise an internal phase the further includes a colorant. These compositions are intended to deliver such colorant ingredients to the skin of the user in such a manner as to provide a smooth and even colored appearance. In particular, the present invention relates to a **cosmetic** composition comprising an emulsion that further comprises:

a) a continuous aqueous phase comprising:

1) from about 0.1% to about 10%, by weight of the composition, of a non-emulsifying crosslinked siloxane elastomer;

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b) a dispersed oil phase comprising:

1) from about 1% to about 25%, by weight of the composition, of an oil compatible colorant; and

2) from about 0.01% to about 20%, by weight of the composition, of a binder; and

c) from about 0.01% to about 15%, by weight of the composition, of an emulsifier.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 4 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:99242 USPATFULL

TITLE: Topical composition comprising an activated,

trans-structured **cosmetic** bonding agent

INVENTOR(S): Bekele, Haimanot, Cincinnati, OH, UNITED STATES

Motley, Curtis Bobby, West Chester, OH, UNITED STATES

Morrissey, Christopher Todd, Mason, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003068346	A1	20030410
	US 6607737	B2	20030819
APPLICATION INFO.:	US 2002-158507	A1	20020530 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-294429P	20010530 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1753	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **cosmetic** compositions that comprise a safe and effective amount of a bonding agent comprising trans structure ##STR1##

wherein X represents a **cosmetic** benefit agent, L represents an optional chemical linker between X and a remainder of the bonding agent; and R represents an activating electron withdrawing group; and a **cosmetically** acceptable carrier for the bonding agent wherein the composition is administered topically to mammalian proteinaceous substrates and wherein the bonding agent reacts with a protein contained in the substrate such that the bonding agent, and thus the **cosmetic** benefit agent, is covalently attached to the substrate. The invention further relates to methods of using the compositions described above as well as various products that include the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 5 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:64317 USPATFULL

TITLE: Topical composition comprising a substituted **cosmetic** bonding agent

INVENTOR(S): Motley, Curtis Bobby, West Chester, OH, UNITED STATES

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Morrissey, Christopher Todd, Mason, OH, UNITED STATES  
Bekele, Haimanot, Cincinnati, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003044437	A1	20030306
APPLICATION INFO.:	US 2002-158506	A1	20020530 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-294275P	20010530 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1717	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **cosmetic** compositions that  
comprise a safe and effective amount of a bonding agent comprising the  
structure ##STR1##

wherein X represents a **cosmetic** benefit agent; L represents an  
optional chemical linker; and R represents a hydrocarbon chain that  
optionally contains heteroatoms; and a **cosmetically** acceptable  
carrier for the bonding agent wherein the composition is administered  
topically to a mammalian proteinaceous substrate and wherein the bonding  
agent reacts with a protein contained in the substrate such that the  
bonding agent is covalently attached to the substrate. The invention  
further relates to methods of using the compositions described above as  
well as various products that include the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 6 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:6657 USPATFULL  
TITLE: **Cosmetic** compositions with menthol  
INVENTOR(S): Mohammadi, Fatemeh, Hebron, CT, United States  
Vargas, Anthony, Monroe, CT, United States  
PATENT ASSIGNEE(S): Conopco, Inc., New York, NY, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6503517	B1	20030107
APPLICATION INFO.:	US 2000-544027		20000406 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-178992P	20000128 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Hartley, Michael G.	
ASSISTANT EXAMINER:	George, Konata M.	
LEGAL REPRESENTATIVE:	Honig, Milton L.	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	409	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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AB A **cosmetic** composition is provided which includes menthol suspended in a carrier system of a crosslinked non-emulsifying siloxane elastomer and a volatile siloxane. The carrier system prevents crystallization and granulation of menthol from the **cosmetic** compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 7 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:3085 USPATFULL  
TITLE: Topical composition comprising a functionally alkylating **cosmetic** bonding agent  
INVENTOR(S): Bekele, Haimanot, Cincinnati, OH, UNITED STATES  
PATENT ASSIGNEE(S): The Procter & Gamble Company (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003003119	A1	20030102
	US 6589542	B2	20030708
APPLICATION INFO.:	US 2002-92141	A1	20020306 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-274057P	20010307 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1750	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **cosmetic** compositions that comprise: a) a safe and effective amount of a functionally alkylating bonding agent having the structure

R--X

wherein

X represents a **cosmetic** benefit agent that may or may not be attached to a chemical linker;

R is selected from the group consisting of COCH.sub.2Cl, COCH.sub.2Br, COCH.sub.2I, Cl, Br, I, N.sub.3, CH.sub.2OM', CH.sub.2OT', CH.sub.2OT'', sulfonic esters; and wherein M' is ##STR1##

b) a **cosmetically** acceptable carrier for the bonding agent wherein the composition is administered topically to mammalian proteinaceous substrates and wherein the bonding agent reacts with a protein contained in the substrate such that the bonding agent, and thus the **cosmetic** benefit agent, is covalently attached to the substrate. The invention further relates to methods of using the compositions described above as well as various products that include the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 8 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:322074 USPATFULL  
TITLE: Topical composition comprising a three membered cyclic



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INVENTOR(S): compound-based **cosmetic** bonding agent  
Bekele, Haimanot, Cincinnati, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002182236	A1	20021205
	US 6565865	B2	20030520
APPLICATION INFO.:	US 2002-92330	A1	20020306 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-273905P	20010307 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1700	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **cosmetic** compositions that  
comprise: a) a safe and effective amount of a three membered functional  
cyclic bonding agent having the structure ##STR1##

wherein X represents a **cosmetic** benefit agent that may or may  
not be attached to a chemical linker and Y represents O, NH, S, or Se;  
and b) a **cosmetically** acceptable carrier for the bonding agent  
wherein the composition is administered topically to mammalian  
proteinaceous substrates and wherein the bonding agent reacts with a  
protein contained in the substrate such that the bonding agent, and thus  
the **cosmetic** benefit agent, is covalently attached to the  
substrate. The invention further relates to methods of using the  
compositions described above as well as various products that include  
the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 9 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:314405 USPATFULL  
TITLE: Topical composition comprising an aldehyde or  
ketone-based **cosmetic** bonding agent  
INVENTOR(S): Bekele, Haimanot, Cincinnati, OH, UNITED STATES  
PATENT ASSIGNEE(S): The Procter & Gamble Company (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002176878	A1	20021128
APPLICATION INFO.:	US 2002-92124	A1	20020306 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-273997P	20010307 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1722	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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AB The present invention relates to **cosmetic** compositions that comprise: a) a safe and effective amount of a bonding agent selected from the group consisting of aldehydes and ketones having the structure ##STR1##

wherein X represents a **cosmetic** benefit agent that may or may not be attached to a chemical linker and R represents hydrogen, straight or branched alkyls, substituted or unsubstituted aryls, and combinations thereof; and b) a **cosmetically** acceptable carrier for the bonding agent wherein the composition is administered topically to mammalian proteinaceous substrates and wherein the bonding agent reacts with a protein contained in the substrate such that the bonding agent, and thus the **cosmetic** benefit agent, is covalently attached to the substrate. The invention further relates to methods of using the compositions described above as well as various products that include the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 10 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:314358 USPATFULL

TITLE: Topical composition comprising a functional aromatic derivative **cosmetic** bonding agent

INVENTOR(S): Bekele, Haimanot, Cincinnati, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002176829	A1	20021128
	US 6488947	B2	20021203
APPLICATION INFO.:	US 2002-91731	A1	20020306 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-274165P	20010307 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1767	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **cosmetic** compositions that comprise: a) a safe and effective amount of a functional aromatic derivative bonding agent having a structure selected from the group consisting of ##STR1##

wherein

X is one or more **cosmetic** benefit agents that may or may not be attached to a chemical linker;

Y, Z, and W are selected from the group consisting of H, NO.sub.2, CN, CF.sub.3, SO.sub.2R, COR, and

V is selected from the group consisting of F, I, Br, Cl, NO.sub.2, SPh, N.sub.3, Oar, OSO.sub.2R, OR, X; SR, and NH.sub.2;

V" and Y" are selected from the group consisting of C, N, and combinations thereof;

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Z" and W" are selected from the group consisting of F, I, Br, Cl, H, SR, X, or combinations thereof; wherein R is an alkyl or phenyl; and

b) a **cosmetically** acceptable carrier for the bonding agent wherein the composition is administered topically to mammalian proteinaceous substrates and wherein the bonding agent reacts with a protein contained in the substrate such that the bonding agent, and thus the **cosmetic** benefit agent, is covalently attached to the substrate. The invention further relates to methods of using the compositions described above as well as various products that include the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 11 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:307583 USPATFULL

TITLE: Topical composition comprising a functionally acylating **cosmetic** bonding agent

INVENTOR(S): Bekele, Haimanot, Cincinnati, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002172702	A1	20021121
APPLICATION INFO.:	US 2002-92329	A1	20020306 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-273983P	20010307 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1705	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **cosmetic** compositions that comprise: a) a safe and effective amount of an acylating bonding agent having the structure ##STR1##

wherein X represents a **cosmetic** benefit agent that may or may not be attached to a chemical linker and R represents N.sub.3, Cl, Br or OM wherein M is an activated ester; and b) a **cosmetically** acceptable carrier for the bonding agent wherein the composition is administered topically to mammalian proteinaceous substrates and wherein the bonding agent reacts with a protein contained in the substrate such that the bonding agent, and thus the **cosmetic** benefit agent, is covalently attached to the substrate. The invention further relates to methods of using the compositions described above as well as various products that include the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 12 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:307582 USPATFULL

TITLE: Topical composition comprising a functionalized acid anhydride-based **cosmetic** bonding agent

INVENTOR(S): Bekele, Haimanot, Cincinnati, OH, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2002172701 A1 20021121  
US 6495150 B2 20021217  
APPLICATION INFO.: US 2002-91809 A1 20020306 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-273986P	20010307 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1690	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **cosmetic** compositions that  
comprise: a) a safe and effective amount of a functionalized acid  
anhydride-based bonding agent having ##STR1##

wherein X represents a **cosmetic** benefit agent that may or may  
not be attached to a chemical linker; and b) a **cosmetically**  
acceptable carrier for the bonding agent wherein the composition is  
administered topically to mammalian proteinaceous substrates and wherein  
the bonding agent reacts with a protein contained in the substrate such  
that the bonding agent, and thus the **cosmetic** benefit agent,  
is covalently attached to the substrate. The invention further relates  
to methods of using the compositions described above as well as various  
products that include the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 13 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:307581 USPATFULL  
TITLE: Topical composition comprising a cyclic  
imidocarbonate-based **cosmetic** bonding agent  
INVENTOR(S): Bekele, Haimanot, Cincinnati, OH, UNITED STATES  
PATENT ASSIGNEE(S): The Procter & Gamble Company (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002172700	A1	20021121
	US 6485732	B2	20021126
APPLICATION INFO.:	US 2002-91748	A1	20020306 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-274034P	20010307 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1695	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **cosmetic** compositions that  
comprise: a) a safe and effective amount of a cyclic imidocarbonate  
bonding agent having the structure ##STR1##

wherein X represents a **cosmetic** benefit agent that may or may

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not be attached to a chemical linker and R represents NH or O; and b) a **cosmetically** acceptable carrier for the bonding agent wherein the composition is administered topically to mammalian proteinaceous substrates and wherein the bonding agent reacts with a protein contained in the substrate such that the bonding agent, and thus the **cosmetic** benefit agent, is covalently attached to the substrate. The invention further relates to methods of using the compositions described above as well as various products that include the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 14 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:307580 USPATFULL

TITLE: Topical composition comprising a 1, 2-heteroatom constituted diene **cosmetic** bonding agent

INVENTOR(S): Bekele, Haimanot, Cincinnati, OH, UNITED STATES

PATENT ASSIGNEE(S): The Procter & Gamble Company (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002172699	A1	20021121
	US 6491935	B2	20021210
APPLICATION INFO.:	US 2002-91747	A1	20020306 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-273856P	20010307 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1688	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **cosmetic** compositions that comprise: a) a safe and effective amount of a 1,2-heteroatom constituted diene bonding agent having the structure

X--Y.dbd.C.dbd.R

wherein X represents a **cosmetic** benefit agent that may or may not be attached to a chemical linker, Y represents N, CH, or CW wherein W is an alkyl and R represents O, S, or Se; and b) a **cosmetically** acceptable carrier for the bonding agent wherein the composition is administered topically to mammalian proteinaceous substrates and wherein the bonding agent reacts with a protein contained in the substrate such that the bonding agent, and thus the **cosmetic** benefit agent, is covalently attached to the substrate. The invention further relates to methods of using the compositions described above as well as various products that include the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 15 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:307579 USPATFULL

TITLE: Topical composition comprising a diazonium salt-based **cosmetic** bonding agent

INVENTOR(S): Bekele, Haimanot, Cincinnati, OH, UNITED STATES

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PATENT ASSIGNEE(S): The Procter & Gamble Company

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002172698	A1	20021121
	US 6491934	B2	20021210
APPLICATION INFO.:	US 2002-91741	A1	20020306 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-273931P	20010307 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1687	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **cosmetic** compositions that  
comprise: a) a safe and effective amount of a diazonium salt bonding  
agent having the structure ##STR1##

wherein X represents a **cosmetic** benefit agent that may or may  
not be attached to a chemical linker; and b) a **cosmetically**  
acceptable carrier for the bonding agent wherein the composition is  
administered topically to mammalian proteinaceous substrates and wherein  
the bonding agent reacts with a protein contained in the substrate such  
that the bonding agent, and thus the **cosmetic** benefit agent,  
is covalently attached to the substrate. The invention further relates  
to methods of using the compositions described above as well as various  
products that include the claimed compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 16 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:198291 USPATFULL  
TITLE: **Cosmetic** compositions  
INVENTOR(S): Vatter, Michael Lee, Okeana, OH, UNITED STATES  
Sunkel, Jorge Max, Cincinnati, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002106385	A1	20020808
APPLICATION INFO.:	US 2001-851507	A1	20010508 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-217211P	20000710 (60)
	US 2001-276998P	20010319 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, PATENT DIVISION, MIAMI VALLEY LABORATORIES, P.O. BOX 538707, CINCINNATI, OH, 45253-8707	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1888	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to **cosmetic** compositions comprising a  
combination of non-emulsifying and emulsifying crosslinked siloxane

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elastomers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 17 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:48032 USPATFULL  
TITLE: Anhydrous **cosmetic** compositions  
INVENTOR(S): Vatter, Michael Lee, Okeana, OH, UNITED STATES  
Sunkel, Jorge Max, Cincinnati, OH, UNITED STATES  
Motley, Curtis Bobby, West Chester, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002028223	A1	20020307
	US 6475500	B2	20021105
APPLICATION INFO.:	US 2001-850892	A1	20010508 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-217040P	20000710 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, PATENT DIVISION, MIAMI VALLEY LABORATORIES, P.O. BOX 538707, CINCINNATI, OH, 45253-8707	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2044	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An anhydrous skin treatment composition is provided which includes a crosslinked siloxane elastomer gel of specific yield point, a skin conditioning agent and a volatile siloxane. Inclusions of the select elastomers provide improved uniform distribution of the pigments.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 18 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:47993 USPATFULL  
TITLE: **Cosmetic** compositions  
INVENTOR(S): Sunkel, Jorge Max, Cincinnati, OH, UNITED STATES  
Vatter, Michael Lee, Okeana, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002028184	A1	20020307
	US 6524598	B2	20030225
APPLICATION INFO.:	US 2001-850763	A1	20010508 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-217114P	20000710 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, PATENT DIVISION, MIAMI VALLEY LABORATORIES, P.O. BOX 538707, CINCINNATI, OH, 45253-8707	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1805	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to **cosmetic** compositions comprising a combination of non-emulsifying and emulsifying crosslinked siloxane

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elastomers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 19 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 2002:31970 USPATFULL  
TITLE: **Cosmetic** compositions  
INVENTOR(S): Vatter, Michael Lee, Okeana, OH, UNITED STATES  
Sunkel, Jorge Max, Cincinnati, OH, UNITED STATES  
Motley, Curtis Bobby, West Chester, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002018790	A1	20020214
APPLICATION INFO.:	US 2001-850845	A1	20010508 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-217428P	20000710 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, PATENT DIVISION, MIAMI VALLEY LABORATORIES, P.O. BOX 538707, CINCINNATI, OH, 45253-8707	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1883	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A skin treatment composition is provided which includes a crosslinked siloxane elastomer gel of specific yield point, a skin-conditioning agent, a volatile siloxane and water. Inclusions of the select elastomers provide improved uniform distribution of the pigments.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s high internal?  
2176435 HIGH  
947971 INTERNAL?  
L31 7620 HIGH INTERNAL?  
(HIGH(W) INTERNAL?)

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(FILE 'HOME' ENTERED AT 14:43:39 ON 22 AUG 2003)

FILE 'USPATFULL' ENTERED AT 14:44:02 ON 22 AUG 2003

L1 48920 S COSMETIC?  
L2 61367 S OIL IN WATER OR WATER IN OIL  
L3 7794 S L1 AND L2  
L4 59973 S MINERAL OIL?  
L5 3732 S L3 AND L4  
L6 92084 S FRAGRANCE? OR RHEOLOGY MODIFIER? OR PRESERVATIVE? OR PH ADJUS  
L7 3062 S L5 AND L6  
L8 5903 S SUNSCREEN?  
L9 1416 S L7 AND L8  
L10 6340 S SILICONE? ELASTOMER?  
L11 65 S L9 AND L10  
L12 64915 S LOTION? OR CONDITIONER? OR SHAMPOO? OR FACIAL CREAM?  
L13 58 S L11 AND L12  
L14 1780 S OSTWALD  
L15 0 S L13 AND L14



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L16 11334 S RIPEN?  
L17 0 S L13 AND L16  
L18 719338 S STABILI?  
L19 53 S L18 AND L13  
L20 2036349 S PROCESS?  
L21 48 S L19 AND L20  
L22 4650 S COSMETIC?/TI  
L23 20 S L22 AND L21  
L24 8045 S EMOLLIENT?  
L25 19 S L23 AND L24  
L26 25 S CHROMOPHOBIC?  
L27 3014 S CHROMOPHORIC?  
L28 1 S L27 AND L25  
L29 1 S US6503517/PN  
L30 1 S L29 AND L28  
L31 7620 S HIGH INTERNAL?

=> s l31 and l19

L32 3 L31 AND L19

=> d 1-3 ibib abs

L32 ANSWER 1 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2002:98863 USPATFULL

TITLE: Clear antiperspirants and deodorants made with  
siloxane-based polyamides

INVENTOR(S): Cai, Heng, Yardley, PA, UNITED STATES  
Urrutia-Gutierrez, Adriana, Mexico City, MEXICO  
Fan, Aixing, Bridgewater, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002051758	A1	20020502
	US 6451295	B2	20020917
APPLICATION INFO.:	US 2001-922054	A1	20010803 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-873504, filed on 4 Jun 2001, UNKNOWN		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Patent Department, Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ, 08855-1343		
NUMBER OF CLAIMS:	31		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1896		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Clear antiperspirant and/or deodorant compositions, especially clear sticks having good structural integrity, can be formed by incorporating at least 8% by weight based on the total weight of the composition of a selected siliconized polyamide into a product formulated with at least one silicone material and at least one non-silicone emollient. The siliconized polyamides have the silicone portion in the acid side of the polyamide and are selected so that: (a) the degree of polymerization in the silicone portion is in the range of 12-18; (b) the average molecular weight of the siliconized polyamide is at least 50,000 daltons with at least 95% of the polyamide having a molecular weight greater than 10,000 as measured by size exclusion chromatography; and (c) the polydispersity is less than 20.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L32 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2001:78684 USPATFULL

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TITLE: Oil-in-oil and three-phase emulsions  
INVENTOR(S): Lin, Zuchen, Midland, MI, United States  
Schulz, Jr., William James, Midland, MI, United States  
Smith, Janet Mary, Bay City, MI, United States  
PATENT ASSIGNEE(S): Dow Corning Corporation, Midland, MI, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6238657	B1	20010529
APPLICATION INFO.:	US 1999-352006		19990712 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Seidleck, Brian K.		
LEGAL REPRESENTATIVE:	DeCesare, James L.		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
LINE COUNT:	684		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Three-dimensional **silicone elastomers** having polyether and higher alkyl functionality in their molecules form networks of crosslinked linear siloxanes with polyether and olefin containing repeating units, and these **silicone elastomers** can be used as emulsifiers for making O/O and three-phase aqueous emulsions. One of the oil phases is a silicone oil, while the other oil phase is an organic oil such as **mineral oil** or castor oil. These emulsions of two and three mutually insoluble liquids are useful in personal and health care applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L32 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2000:128522 USPATFULL  
TITLE: Zwitterionic siloxane polymers and ionically cross-linked polymers formed therefrom  
INVENTOR(S): Gormley, John L., Midland Park, NJ, United States  
Berger, Abe, Summit, NJ, United States  
Fost, Dennis L., Ridgwood, NJ, United States  
PATENT ASSIGNEE(S): Mona Industries, Inc., Paterson, NJ, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6124490		20000926
APPLICATION INFO.:	US 1999-427216		19991026 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Shaver, Paul F.		
LEGAL REPRESENTATIVE:	Schoenberg, Franklyn, Lehrer, Norman E.		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1309		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Ionically cross-linked silicone polymers of a thickened gel-like consistency are made by reacting a diamino containing polysiloxane with an acid containing reactant selected from itaconic acid or the ester derivative thereof; substituted or unsubstituted cyclic and anhydride; substituted or unsubstituted conjugated olefinic acid or mixtures of the same at an elevated temperature in the presence of a low molecular weight silicone oil or other solvent until an ionically cross-linked zwitterionic siloxane polymer of a gel-like consistency is formed.

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s hand lotion or body lotion or body wash or conditioner or shampoo or facial cream

1182599 HAND  
14402 LOTION  
318 HAND LOTION  
(HAND (W) LOTION)  
993870 BODY  
14402 LOTION  
414 BODY LOTION  
(BODY (W) LOTION)  
993870 BODY  
125226 WASH  
246 BODY WASH  
(BODY (W) WASH)  
26595 CONDITIONER  
8326 SHAMPOO  
17150 FACIAL  
43546 CREAM  
88 FACIAL CREAM  
(FACIAL (W) CREAM)

L33 33790 HAND LOTION OR BODY LOTION OR BODY WASH OR CONDITIONER OR SHAMPOO  
O OR FACIAL CREAM

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(FILE 'HOME' ENTERED AT 14:43:39 ON 22 AUG 2003)

FILE 'USPATFULL' ENTERED AT 14:44:02 ON 22 AUG 2003

L1 48920 S COSMETIC?  
L2 61367 S OIL IN WATER OR WATER IN OIL  
L3 7794 S L1 AND L2  
L4 59973 S MINERAL OIL?  
L5 3732 S L3 AND L4  
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L11 65 S L9 AND L10  
L12 64915 S LOTION? OR CONDITIONER? OR SHAMPOO? OR FACIAL CREAM?  
L13 58 S L11 AND L12  
L14 1780 S OSTWALD  
L15 0 S L13 AND L14  
L16 11334 S RIPEN?  
L17 0 S L13 AND L16  
L18 719338 S STABILI?  
L19 53 S L18 AND L13  
L20 2036349 S PROCESS?  
L21 48 S L19 AND L20  
L22 4650 S COSMETIC?/TI  
L23 20 S L22 AND L21  
L24 8045 S EMOLLIENT?  
L25 19 S L23 AND L24  
L26 25 S CHROMOPHOBIC?  
L27 3014 S CHROMOPHORIC?  
L28 1 S L27 AND L25  
L29 1 S US6503517/PN  
L30 1 S L29 AND L28

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L31 7620 S HIGH INTERNAL?  
L32 3 S L31 AND L19  
L33 33790 S HAND LOTION OR BODY LOTION OR BODY WASH OR CONDITIONER OR SHA

=> s l33 and l25

L34 1 L33 AND L25

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L34 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 2003:6657 USPATFULL

TITLE: **Cosmetic** compositions with menthol

INVENTOR(S): Mohammadi, Fatemeh, Hebron, CT, United States  
Vargas, Anthony, Monroe, CT, United States

PATENT ASSIGNEE(S): Conopco, Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6503517	B1	20030107
APPLICATION INFO.:	US 2000-544027		20000406 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-178992P	20000128 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Hartley, Michael G.	
ASSISTANT EXAMINER:	George, Konata M.	
LEGAL REPRESENTATIVE:	Honig, Milton L.	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	409	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **cosmetic** composition is provided which includes menthol suspended in a carrier system of a crosslinked non-emulsifying siloxane elastomer and a volatile siloxane. The carrier system prevents crystallization and granulation of menthol from the **cosmetic** compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 14:43:39 ON 22 AUG 2003)

FILE 'USPATFULL' ENTERED AT 14:44:02 ON 22 AUG 2003

L1 48920 S COSMETIC?  
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L13 58 S L11 AND L12

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L27 3014 S CHROMOPHORIC?  
L28 1 S L27 AND L25  
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L31 7620 S HIGH INTERNAL?  
L32 3 S L31 AND L19  
L33 33790 S HAND LOTION OR BODY LOTION OR BODY WASH OR CONDITIONER OR SHA  
L34 1 S L33 AND L25

=> d l34 and l29

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L35 ANSWER 1 OF 1 USPATFULL on STN

TI **Cosmetic** compositions with menthol

PI US 6503517 B1 20030107 <--

AB A **cosmetic** composition is provided which includes menthol suspended in a carrier system of a crosslinked non-emulsifying siloxane elastomer and a volatile siloxane. The carrier system prevents crystallization and granulation of menthol from the **cosmetic** compositions.

SUMM The invention concerns **cosmetic** compositions formulated with menthol and its derivatives.

SUMM . . . right side of the face. It extends beyond the ear, underneath and branches out towards the cheek area. Properly formulated **cosmetic** compositions can stimulate the receptors to produce very positive pleasant effects.

SUMM A problem with menthol is dissolving or uniformly dispersing the compound in a **cosmetic** delivery system. After storage, in many systems menthol has a tendency to crystallize. Severe crystallization leads to granulation effects being. . .

SUMM Accordingly, it is an object of the present invention to provide a **cosmetic** composition formulated with menthol which avoids crystallization and the aesthetically displeasing effects of granulation.

SUMM Another object of the present invention is to provide a **cosmetic** composition incorporating menthol which enhances pleasant skin sensations while minimizing any negative properties of menthol.

SUMM A **cosmetic** composition is provided which includes:

SUMM . . . cyclomethicone) from Grant Industries, Inc., Elmwood Park, N.J. The commercial products from General Electric and Grant Industries may be further **processed** by subjecting them to a high pressure (approximately 5,000 psi) treatment in a Sonolator with recycling in 10 to 60. . .

- SUMM . . . 2%, more preferably from about 0.1 to about 1%, optimally from about 0.2 to about 0.5% by weight of the **cosmetic** composition.
- SUMM **Cosmetic** compositions of the present invention are particularly preferred when in the anhydrous form (less than about 5% water, preferably less than about 1% **water**). Yet **oil** and **water** emulsions may also be suitable for the present invention. Whether anhydrous or emulsion type, compositions of the present invention may. . . preferably from about 5 to about 70%, optimally from about 10 to about 40% by weight. Among the carriers are **emollients**, water, inorganic powders, foaming agents, surfactants and combinations thereof.
- SUMM **Emollients** are substances selected from polyols, esters and hydrocarbons. Polyols suitable for the invention may include propylene glycol, dipropylene glycol, polypropylene. . .
- SUMM Esters useful as **emollients** include:
- SUMM Illustrative hydrocarbons are **mineral oil**, polyalphaolefins, petrolatum, isoparaffin, polybutenes and mixtures thereof.
- SUMM Among the skin actives may be included Vitamin C and its derivatives, alpha- and beta-hydroxycarboxylic acids, retinoids, **sunscreens**, botanical extracts and sunless tanners. Vitamin C covers ascorbic acid, magnesium ascorbate, ascorbyl tetra fatty esters such as the tetraisopalmitate. . . kamala, rosemary, henna, lavender, sandalwood, eucalyptus and combinations thereof. Sunless tanners are particularly represented by dihydroxyacetone and sugars (e.g. xylitol). **Sunscreens** are those materials having at least one chromophoric group absorbing within the ultraviolet range somewhere from 290 to 400 nm. Particularly useful **sunscreens** are benzophenone-3, octyl dimethyl PABA, butyl methoxy dibenzoylmethane, octyl methoxycinnamate and octocrylene.
- SUMM . . . 20%, more preferably from about 0.1 to about 10%, optimally from about 0.5 to about 5% by weight of the **cosmetic** composition.
- SUMM Minor adjunct ingredients may also be included in **cosmetic** compositions of this invention. These ingredients may be selected from **preservatives**, **fragrances**, anti-foam agents, opacifiers, colorants and mixtures thereof, each in their effective amounts to accomplish their respective functions.
- SUMM The compositions of the present invention may be applied to a variety of **cosmetics**. Most particularly they are suitable for skin creams and **lotions**. However, the compositions will have applicability to hair care products such as **shampoos**, **conditioners**, styling gels and hair sprays; shaving products (shaving foam, aftershave **lotion**); underarm products (antiperspirants and deodorants); personal wash products (toilet bars and **body wash** liquids); perfume and cologne; and lip care products (lipstick and lip balm), all of which are merely illustrative.

DETD

## TABLE I

## COMPONENT WEIGHT %

Cyclomethicone 36.0  
 Crosslinked **Silicone Elastomer** 24.0  
 In Cyclomethicone (25% Active)  
 Propylene Glycol 20.5  
 Polyethylene Glycol 200 10.5  
 Dimethyl Isosorbide 2.0  
 Ascorbic Acid 5.0  
 Menthol 1.2

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DETD A foaming skin **cosmetic** formulation is illustrated in Table II. The formulation is intended for delivery via a non-aerosol mechanical pump.

DETD . . . Elefac-205 .RTM. 3.0

Borage Oil 1.0

Tridecylsalicylate 2.0

Alpha-Bisabolol 0.1

Glyceryl Stearate 1.0

Cetyl Alcohol 1.5

Vitamin E Acetate 0.5

**Preservatives** 0.4

Amphisol A .RTM. 2.0

PHASE C

Water 1.8

Triethanolamine 1.0

Panthenol 0.2

PHASE D

Cyclomethicone 2.0

**Silicone Elastomer** 25.0

(7.5% Elastomer Solids in  
Cyclomethicone)

Menthol 1.0

**Fragrance** 0.2

DETD A typical **sunscreen** formulation according to the present invention is reported in Table III.

DETD . . . Retinyl Linoleate 0.01

Aluminum Stearate 5.00

Dow Corning 5225C 10.00

(Cyclomethicone/Dimethicone Copolyol)

Cetyl Dimethicone 1.00

DC 345 (Cyclomethicone) 2.00

Crosslinked **Silicone Elastomer** in 30.00

Cyclomethicone (25% Active)

ABIL-EM 97 .RTM. 1.00

Menthol 1.00

**Fragrance** 0.15

DETD . . . Balance

Trehalose 1.00

Green Tea 1.00

Ginko Biloba 0.50

Aloe Vera Powder 0.10

Neosorb .RTM. 2.00

(Sorbitol)

PHASE F

Crosslinked **Silicone Elastomer** in 13.71

Cyclomethicone (25% Active)

Menthol 1.00

Anethole 0.01

PHASE G

**Fragrance/Flavor** 0.70

DETD An after sun **lotion** according to the present invention is reported in Table V.

DETD . . . Phenonip .RTM. 0.58

PHASE C

Vitamin E Acetate 0.50

Cyclomethicone 1.00

Dimethicone Copolyol 1.00

Retinyl Linoleate 0.10

Menthol 2.00

Crosslinked **Silicone Elastomer** in 10.00

Cyclomethicone (7.5% Solid Elastomer)

DL-Panthanol 0.20

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Triethanolamine 0.70  
Deionized Water 6.33  
Botanical Extract 1.00  
DETD . . . Petrolatum 5.00  
Glyceryl Behenate 3.00  
Microcrystalline Wax 4.00  
Propyl Paraben 0.10  
PHASE B  
Cyclomethicone 1.00  
Vitamin E Acetate 0.50  
Crosslinked **Silicone Elastomer** in 10.00  
Cyclomethicone (7.5% Solid Elastomer)  
Dimethicone Copolyol 1.00  
Menthol 2.00  
DETD . . . PHASE B  
Decyl Oleate 3.00  
Bean Tree Oil 2.00  
Ceteareth-12 2.00  
Cetearyl Alcohol 2.00  
Phenonip .RTM. 0.45  
PHASE C  
Crosslinked **Silicone Elastomer** in 10.00  
Cyclomethicone (7.5% Solid Elastomer)  
Cyclomethicone 1.00  
Menthol 1.00  
**Fragrance** 0.30  
DETD . . . B  
Myristic Acid 3.00  
Bean Tree Oil 1.00  
Stearic Acid 4.00  
Penonip .RTM. 0.45  
PHASE C  
Dimethicone Copolyol 1.00  
Crosslinked **Silicone Elastomer** in 10.00  
Cyclomethicone (7.5% Solid Elastomer)  
Cyclomethicone 1.00  
Menthol 1.00  
**Fragrance** 0.30  
DETD An after shave lotion according to the present invention is  
reported in Table IX.  
DETD . . . 3.00  
Bean Tree Oil 2.00  
Benzophenone-3 2.00  
Stearyl Alcohol 1.20  
Steareth-2 2.62  
Steareth-21 0.87  
Phenonip .RTM. 0.45  
PHASE C  
Crosslinked **Silicone Elastomer** in 10.00  
Cyclomethicone (7.5% Solid Elastomer)  
Cyclomethicone 1.00  
Menthol 1.00  
**Fragrance** 3.00  
PHASE D  
Sodium Hydroxide (10% Solution) 0.50  
PHASE E  
Deionized Water 1.83  
Ethyl Alcohol 16.00  
DETD . . . Tree Oil 3.00  
Vitamin E Acetate 0.05  
Propyl Paraben 0.10  
PHASE B



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Cyclomethicone 1.00  
Silicone Powder 1.50  
Pigment 1.50  
Crosslinked **Silicone Elastomer** in 15.00  
Cyclomethicone (7.5% Solid Elastomer)  
Dimethicone Copolyol 1.00  
Menthol 1.00  
PHASE C  
Deionized Water 66.80  
Disodium EDTA 0.10  
Butylene. . .

DETD  
TABLE XI

INGREDIENT WEIGHT %

PHASE A  
Cyclomethicone 5.00  
Crosslinked **Silicone Elastomer** in 10.00  
Cyclomethicone (7.5% Solid Elastomer)  
Menthol 1.00  
Dimethicone 200 Fluid (50 cst) 5.00  
Stearyl Heptonoate 1.00

PHASE B  
Bean Tree Oil 1.00  
PPG Butyl Ether 15.00  
Aluminum Zirconium 44.70  
Tetrachlorohydrox Glycinate  
Hydroxylated Milk Glyceride 2.00

**Fragrance** 0.30

DETD An anhydrous mask was formulated to evaluate the **stability** enhancing effect of the cross-linked non-emulsifying siloxane and elastomers of the present invention with respect to menthol. Table XII lists. . . A revealed no crystallization of menthol while the micrograph of control Formulation B possessed considerable amounts of crystallized menthol. Storage **stability** was evidently enhanced by the presence of the cross-linked siloxane elastomer.

DETD . . . Powder 2.00 2.00  
Salicylic Acid 1.00 1.00

PHASE B  
Crosslinked Silicone 30.00 --  
Elastomer in Cyclomethicone  
(7.5% Solid Elastomer)  
Cyclomethicone -- 30.00  
Menthol 1.00 1.00  
Tridecyl Salicylate 10.00 10.00

**\*Mineral Oil** with Hydrogenated Ethylene/Propylene/Styrene  
Copolymer

CLM What is claimed is:  
1. A **cosmetic** composition comprising: (i) from about 0.1 to about 30% of a crosslinked non-emulsifying siloxane elastomer; (ii) from about 1 to. . .  
4. A **cosmetic** composition comprising: (i) from about 0.1 to about 30% of a crosslinked non-emulsifying siloxane elastomer; (ii) from about 1 to. . .

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	Feb 24	PCTGEN now available on STN
NEWS	4	Feb 24	TEMA now available on STN
NEWS	5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	6	Feb 26	PCTFULL now contains images
NEWS	7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	8	Mar 24	PATDPAFULL now available on STN
NEWS	9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	10	Apr 11	Display formats in DGENE enhanced
NEWS	11	Apr 14	MEDLINE Reload
NEWS	12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS	14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	15	Apr 28	RDISCLOSURE now available on STN
NEWS	16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	18	May 15	Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS	19	May 19	Simultaneous left and right truncation added to WSCA
NEWS	20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS	21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS	22	Jun 06	PASCAL enhanced with additional data
NEWS	23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS	24	Jun 25	HSDB has been reloaded
NEWS	25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS	26	Jul 21	Identification of STN records implemented
NEWS	27	Jul 21	Polymer class term count added to REGISTRY
NEWS	28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS	29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS	30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS	31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS	32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS	33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS	34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS	35	AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS	36	AUG 18	Simultaneous left and right truncation added to PASCAL

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NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation  
NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR  
NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:22:52 ON 22 AUG 2003

=> file uspatfull		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'USPATFULL' ENTERED AT 15:23:05 ON 22 AUG 2003  
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 21 Aug 2003 (20030821/PD)  
FILE LAST UPDATED: 21 Aug 2003 (20030821/ED)  
HIGHEST GRANTED PATENT NUMBER: US6609253  
HIGHEST APPLICATION PUBLICATION NUMBER: US2003159190  
CA INDEXING IS CURRENT THROUGH 21 Aug 2003 (20030821/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 21 Aug 2003 (20030821/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2003  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2003

>>> USPAT2 is now available. USPATFULL contains full text of the	<<<
>>> original, i.e., the earliest published granted patents or	<<<
>>> applications. USPAT2 contains full text of the latest US	<<<
>>> publications, starting in 2001, for the inventions covered in	<<<
>>> USPATFULL. A USPATFULL record contains not only the original	<<<
>>> published document but also a list of any subsequent	<<<
>>> publications. The publication number, patent kind code, and	<<<
>>> publication date for all the US publications for an invention	<<<
>>> are displayed in the PI (Patent Information) field of USPATFULL	<<<
>>> records and may be searched in standard search fields, e.g., /PN,	<<<
>>> /PK, etc.	<<<
>>> USPATFULL and USPAT2 can be accessed and searched together	<<<
>>> through the new cluster USPATALL. Type FILE USPATALL to	<<<
>>> enter this cluster.	<<<
>>>	<<<
>>> Use USPATALL when searching terms such as patent assignees,	<<<
>>> classifications, or claims, that may potentially change from	<<<
>>> the earliest to the latest publication.	<<<

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s oil-in-water or water-in-oil/ti

482749 OIL  
1052870 WATER  
43789 OIL-IN-WATER  
(OIL(1W)WATER)  
33098 WATER/TI  
16273 OIL/TI  
614 WATER-IN-OIL/TI  
( (WATER(1W)OIL) /TI)

L1 44019 OIL-IN-WATER OR WATER-IN-OIL/TI

=> s cosmetic?

L2 48920 COSMETIC?

=> s l2/ti

L3 4650 (COSMETIC?/TI)

=> s l1 and l3

L4 1315 L1 AND L3

=> s emollient?

L5 8045 EMOLLIENT?

=> s l4 and l5

L6 577 L4 AND L5

=> s 80

L7 1302414 80

=> s 80%

L8 1302414 80%  
(80)

=> s l8 and l6

L9 496 L8 AND L6

=> s fragrance or modifier or preservative or ph adjuster

17074 FRAGRANCE  
30057 MODIFIER  
33635 PRESERVATIVE  
350938 PH  
18119 ADJUSTER  
1273 PH ADJUSTER  
(PH(W)ADJUSTER)

L10 77478 FRAGRANCE OR MODIFIER OR PRESERVATIVE OR PH ADJUSTER

=> s l9 and l10

L11 355 L9 AND L10

=> s mineral oil

164517 MINERAL  
482749 OIL

L12 52252 MINERAL OIL  
(MINERAL(W)OIL)

=> s l11 and l12

L13 171 L11 AND L12

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=> s body wash or body lotion or conditioner or shampoo or facial cream

993870 BODY

125226 WASH

246 BODY WASH

(BODY (W) WASH)

993870 BODY

14402 LOTION

414 BODY LOTION

(BODY (W) LOTION)

26595 CONDITIONER

8326 SHAMPOO

17150 FACIAL

43546 CREAM

88 FACIAL CREAM

(FACIAL (W) CREAM)

L14 33600 BODY WASH OR BODY LOTION OR CONDITIONER OR SHAMPOO OR FACIAL CREAM

=> s l13 and l14

L15 54 L13 AND L14

=> s silicone elastomer?

153579 SILICONE

156844 ELASTOMER?

L16 6324 SILICONE ELASTOMER?

(SILICONE (W) ELASTOMER?)

=> s l15 and l16

L17 1 L15 AND L16

=> d 1 ibib abs

L17 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 2003:6657 USPATFULL

TITLE: Cosmetic compositions with menthol

INVENTOR(S): Mohammadi, Fatemeh, Hebron, CT, United States

Vargas, Anthony, Monroe, CT, United States

PATENT ASSIGNEE(S): Conopco, Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6503517	B1	20030107
APPLICATION INFO.:	US 2000-544027		20000406 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-178992P	20000128 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Hartley, Michael G.	
ASSISTANT EXAMINER:	George, Konata M.	
LEGAL REPRESENTATIVE:	Honig, Milton L.	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	409	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition is provided which includes menthol suspended in a carrier system of a crosslinked non-emulsifying siloxane elastomer and a volatile siloxane. The carrier system prevents crystallization and granulation of menthol from the cosmetic compositions.

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 15:22:52 ON 22 AUG 2003)

FILE 'USPATFULL' ENTERED AT 15:23:05 ON 22 AUG 2003

L1 44019 S OIL-IN-WATER OR WATER-IN-OIL/TI  
L2 48920 S COSMETIC?  
L3 4650 S L2/TI  
L4 1315 S L1 AND L3  
L5 8045 S EMOLLIENT?  
L6 577 S L4 AND L5  
L7 1302414 S 80  
L8 1302414 S 80%  
L9 496 S L8 AND L6  
L10 77478 S FRAGRANCE OR MODIFIER OR PRESERVATIVE OR PH ADJUSTER  
L11 355 S L9 AND L10  
L12 52252 S MINERAL OIL  
L13 171 S L11 AND L12  
L14 33600 S BODY WASH OR BODY LOTION OR CONDITIONER OR SHAMPOO OR FACIAL  
L15 54 S L13 AND L14  
L16 6324 S SILICONE ELASTOMER?  
L17 1 S L15 AND L16

=> s oil in water/ti  
16273 OIL/TI  
33098 WATER/TI  
L18 715 OIL IN WATER/TI  
( (OIL(1W) WATER) /TI)

=> s l18 and l3  
L19 38 L18 AND L3

=> s l19 and l16  
L20 0 L19 AND L16

=> s elastomer?  
L21 156844 ELASTOMER?

=> s l21 and l19  
L22 2 L21 AND L19

=> s l10 and l22  
L23 0 L10 AND L22

=> s l18 and cosmetic?  
48920 COSMETIC?  
L24 158 L18 AND COSMETIC?

=> d his

(FILE 'HOME' ENTERED AT 15:22:52 ON 22 AUG 2003)

FILE 'USPATFULL' ENTERED AT 15:23:05 ON 22 AUG 2003

L1 44019 S OIL-IN-WATER OR WATER-IN-OIL/TI  
L2 48920 S COSMETIC?  
L3 4650 S L2/TI  
L4 1315 S L1 AND L3  
L5 8045 S EMOLLIENT?

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L6 577 S L4 AND L5  
L7 1302414 S 80  
L8 1302414 S 80%  
L9 496 S L8 AND L6  
L10 77478 S FRAGRANCE OR MODIFIER OR PRESERVATIVE OR PH ADJUSTER  
L11 355 S L9 AND L10  
L12 52252 S MINERAL OIL  
L13 171 S L11 AND L12  
L14 33600 S BODY WASH OR BODY LOTION OR CONDITIONER OR SHAMPOO OR FACIAL  
L15 54 S L13 AND L14  
L16 6324 S SILICONE ELASTOMER?  
L17 1 S L15 AND L16  
L18 715 S OIL IN WATER/TI  
L19 38 S L18 AND L3  
L20 0 S L19 AND L16  
L21 156844 S ELASTOMER?  
L22 2 S L21 AND L19  
L23 0 S L10 AND L22  
L24 158 S L18 AND COSMETIC?

=> s l24 and l10

L25 87 L24 AND L10

=> s l25 and l12

L26 50 L25 AND L12

=> s l26 and l16

L27 2 L26 AND L16

=> s l27 and l14

L28 1 L27 AND L14

=> d 1 ibib abs

L28 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 1999:106531 USPATFULL

TITLE: Water-in-oil-in water emulsion

INVENTOR(S): Lin, Zuchen, Midland, MI, United States

Schulz, Jr., William James, Midland, MI, United States

Zhang, Shizhong, Midland, MI, United States

PATENT ASSIGNEE(S): Dow Corning Corporation, Midland, MI, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5948855		19990907
APPLICATION INFO.:	US 1999-228863		19990112 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Foelak, Morton		
LEGAL REPRESENTATIVE:	De Cesare, James L.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1017		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A multiple emulsion of the type W.sub.1 /O/W.sub.2 is made by first preparing a primary emulsion W.sub.1 /O using a silicone fluid as the oil phase (O), and an elastomeric silicone polyether as an emulsifier, for dispersing water phase W.sub.1 into oil phase (O). The primary emulsion W.sub.1 /O is then added and dispersed into a final continuous water phase W.sub.2 to form a multiple emulsion W.sub.1 /O/W.sub.2. The multiple emulsions are useful for treating the hair, the skin, or the

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underarm areas of the human body. Vitamins or drugs can be included in the oil phase (O) or in either aqueous phase W.sub.1 or W.sub.2 to enhance the benefits of the multiple emulsions in personal care applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 127 ibib abs 1-2

L27 ANSWER 1 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2003:153501 USPATFULL  
TITLE: Composition in the form of an **oil-in-water** emulsion containing a silicone copolymer and showing a liquid crystalline phase and uses thereof  
INVENTOR(S): Lennon, Paul, Lyon, FRANCE  
PATENT ASSIGNEE(S): L'OREAL, Paris, FRANCE (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003105169	A1	20030605
APPLICATION INFO.:	US 2002-270338	A1	20021015 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2001-13272	20011015
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET, ALEXANDRIA, VA, 22314	
NUMBER OF CLAIMS:	41	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1050	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition in the form of an oil-in-water emulsion containing, in a physiologically acceptable medium, an oily phase dispersed in an aqueous phase, the aqueous phase containing particles of a noncrosslinked silicone copolymer and at least one amphiphilic surfactant capable of forming liquid crystals.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L27 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 1999:106531 USPATFULL  
TITLE: Water-in-oil-in **water** emulsion  
INVENTOR(S): Lin, Zuchen, Midland, MI, United States  
Schulz, Jr., William James, Midland, MI, United States  
Zhang, Shizhong, Midland, MI, United States  
PATENT ASSIGNEE(S): Dow Corning Corporation, Midland, MI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5948855		19990907
APPLICATION INFO.:	US 1999-228863		19990112 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Foelak, Morton		
LEGAL REPRESENTATIVE:	De Cesare, James L.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1017		



CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A multiple emulsion of the type W.sub.1 /O/W.sub.2 is made by first preparing a primary emulsion W.sub.1 /O using a silicone fluid as the oil phase (O), and an elastomeric silicone polyether as an emulsifier, for dispersing water phase W.sub.1 into oil phase (O). The primary emulsion W.sub.1 /O is then added and dispersed into a final continuous water phase W.sub.2 to form a multiple emulsion W.sub.1 /O/W.sub.2. The multiple emulsions are useful for treating the hair, the skin, or the underarm areas of the human body. Vitamins or drugs can be included in the oil phase (O) or in either aqueous phase W.sub.1 or W.sub.2 to enhance the benefits of the multiple emulsions in personal care applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s lotion? or conditioner? or cream? or shampoo?

27699 LOTION?

34813 CONDITIONER?

66627 CREAM?

13223 SHAMPOO?

L29 106818 LOTION? OR CONDITIONER? OR CREAM? OR SHAMPOO?

=> s 128 and 129

L30 1 L28 AND L29

=> d kwic

L30 ANSWER 1 OF 1 USPATFULL on STN

TI Water-in-oil-in **water** emulsion

SUMM . . . as acetone, methyl ethyl ketone, cyclohexanone, diacetone alcohol, methyl amyl ketone, and diisobutyl ketone; petroleum hydrocarbons such as petroleum jelly, **mineral oil**, gasoline, naphtha, kerosene, gas oil, heavy oil, and crude oil; lubricating oils such as spindle oil and turbine oil; and. . .

SUMM RETINOL, it should be noted, is an International Nomenclature Cosmetic Ingredient Name (INCI) designated by The Cosmetic, Toiletry, and Fragrance Association (CTFA), Washington D.C., for vitamin A. Other suitable vitamins and the INCI names for the vitamins considered included herein. . .

SUMM . . . further diluted with additional similar or dissimilar oil(s), to form the final composition. A blend of hexane and tetrahydrofuran, a **fragrance**, or a low molecular weight siloxane, are examples of oils that could be so employed. Higher temperatures to speed up. . .

DETD Hand & Body Lotion Containing Vitamin C

DETD . . . adequate mixing. Mixing was continued as the sample cooled to 50.degree. C., whereupon 1.5 g of 1,3-dimethylol-5,5-dimethyl (DMDM) hydantoin, a **preservative** for emulsions, sold under the trademark GLYDANT.RTM. by Lonza Incorporated, Fair Lawn, N.J., and additional deionized water lost due to. . .

DETD The resulting material was a white **lotion** in emulsion form that was stable. Examination of the product by optical microscope confirmed the presence of the multiple emulsion. . .

DETD --Hand & Body Lotion

DETD . . . adequate mixing. Mixing was continued as the sample cooled to 50.degree. C., whereupon 1.5 g of 1,3-dimethylol-5,5-dimethyl (DMDM) hydantoin, a **preservative** for emulsions, sold under the trademark GLYDANT.RTM. by Lonza Incorporated, Fair Lawn, N.J., and additional deionized water lost due to. . .

DETD The resulting material was a white **lotion** in emulsion form that was stable. Examination of the product by optical microscope confirmed the presence of the multiple emulsion. . .

DETD --Hand & **Body Lotion**

DETD . . . insure adequate mixing. Mixing was continued as the sample cooled to 50.degree. C., whereupon 1.5 g of DMDM hydantoin, a **preservative** for emulsions, sold under the trademark GLYDANT.RTM. by Lonza Incorporated, Fair Lawn, N.J., and additional deionized water lost due to. . .

DETD The resulting material was a white **lotion** in emulsion form that was stable. Examination of the product by optical microscope confirmed that no multiple emulsion was in. . .

DETD --Hand & **Body Lotion** Containing Vitamin A & E

DETD The resulting material was a smooth pale yellow **lotion** in emulsion form that was stable. Examination of the product by optical microscope confirmed that no multiple emulsion was formed. . .

DETD --Hand & **Body Lotion** Containing Vitamin A & E

DETD The resulting material was a smooth pale yellow **lotion** in emulsion form that was stable. Examination of the product by optical microscope confirmed the presence and coexistence in the. . .

DETD Hand & **Body Lotion** Containing Vitamin A & E

DETD The resulting material was a white **lotion** in emulsion form that was stable. Examination of the product by optical microscope confirmed the presence and coexistence in the. . .

DETD . . . to this invention have particular value in the personal care arena. They can be used alone, or blended with other **cosmetic** ingredients, to form a variety of over-the-counter (OTC) personal care products.

DETD Thus, they are useful as carriers in antiperspirants and deodorants. They are lubricious and can improve the properties of skin **creams**, skin care **lotions**, moisturizers, facial treatments such as acne or wrinkle removers, personal and facial cleansers, bath oils, perfumes, colognes, sachets, sunscreens, pre-shave and after-shave **lotions**, liquid soaps, shaving soaps, and shaving lathers. They can be used in hair **shampoos**, hair **conditioners**, hair sprays, mousses, permanents, depilatories, and cuticle coats, to enhance gloss, and provide conditioning benefits.

DETD In **cosmetics**, they can function as leveling and spreading agents for pigments in make-ups, color **cosmetics**, foundations, blushes, lipsticks, lip balms, eyeliners, mascaras, oil removers, color **cosmetic** removers, and powders. When incorporated into sticks, gels, **lotions**, aerosols, and roll-ons, the compositions can impart a dry, silky-smooth, payout.

CLM What is claimed is:

. /O into a final continuous water phase W.sub.2 to form the multiple emulsion W.sub.1 /O/W.sub.2 ; the emulsifier being a **silicone elastomer** prepared by a method comprising reacting: (A) an .tbd.Si--H containing polysiloxane of the formula R.sub.3 SiO(R'.sub.2 SiO).sub.a (R"HSiO).sub.b SiR.sub.3 or. . . mixtures of organic compounds and compounds containing a silicon atom; and in the presence of a platinum catalyst, until a **silicone elastomer** is formed by crosslinking and addition of .tbd.SiH across double or triple bonds in the unsaturated hydrocarbon.

. . . which is dispersed, the primary emulsion W.sub.1 /O, for forming the multiple emulsion W.sub.1 /O/W.sub.2 ; the emulsifier being a **silicone elastomer** prepared by a method comprising reacting: (A) an .tbd.Si--H containing polysiloxane of the formula R.sub.3 SiO(R'.sub.2 SiO).sub.a (R"HSiO).sub.b SiR.sub.3 or. . . mixtures of organic compounds and compounds containing a silicon atom; and in the presence of a platinum catalyst, until a **silicone elastomer** is formed by crosslinking and addition of .tbd.SiH across double or triple bonds in the unsaturated hydrocarbon.

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=> d his

(FILE 'HOME' ENTERED AT 15:22:52 ON 22 AUG 2003)

FILE 'USPATFULL' ENTERED AT 15:23:05 ON 22 AUG 2003

L1 44019 S OIL-IN-WATER OR WATER-IN-OIL/TI  
L2 48920 S COSMETIC?  
L3 4650 S L2/TI  
L4 1315 S L1 AND L3  
L5 8045 S EMOLLIENT?  
L6 577 S L4 AND L5  
L7 1302414 S 80  
L8 1302414 S 80%  
L9 496 S L8 AND L6  
L10 77478 S FRAGRANCE OR MODIFIER OR PRESERVATIVE OR PH ADJUSTER  
L11 355 S L9 AND L10  
L12 52252 S MINERAL OIL  
L13 171 S L11 AND L12  
L14 33600 S BODY WASH OR BODY LOTION OR CONDITIONER OR SHAMPOO OR FACIAL  
L15 54 S L13 AND L14  
L16 6324 S SILICONE ELASTOMER?  
L17 1 S L15 AND L16  
L18 715 S OIL IN WATER/TI  
L19 38 S L18 AND L3  
L20 0 S L19 AND L16  
L21 156844 S ELASTOMER?  
L22 2 S L21 AND L19  
L23 0 S L10 AND L22  
L24 158 S L18 AND COSMETIC?  
L25 87 S L24 AND L10  
L26 50 S L25 AND L12  
L27 2 S L26 AND L16  
L28 1 S L27 AND L14  
L29 106818 S LOTION? OR CONDITIONER? OR CREAM? OR SHAMPOO?  
L30 1 S L28 AND L29

=> d l30 ibib abs

L30 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 1999:106531 USPATFULL  
TITLE: Water-in-oil-in water emulsion  
INVENTOR(S): Lin, Zuchen, Midland, MI, United States  
Schulz, Jr., William James, Midland, MI, United States  
Zhang, Shizhong, Midland, MI, United States  
PATENT ASSIGNEE(S): Dow Corning Corporation, Midland, MI, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5948855		19990907
APPLICATION INFO.:	US 1999-228863		19990112 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Foelak, Morton		
LEGAL REPRESENTATIVE:	De Cesare, James L.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1017		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A multiple emulsion of the type W.sub.1 /O/W.sub.2 is made by first preparing a primary emulsion W.sub.1 /O using a silicone fluid as the

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oil phase (O), and an elastomeric silicone polyether as an emulsifier, for dispersing water phase W.sub.1 into oil phase (O). The primary emulsion W.sub.1 /O is then added and dispersed into a final continuous water phase W.sub.2 to form a multiple emulsion W.sub.1 /O/W.sub.2. The multiple emulsions are useful for treating the hair, the skin, or the underarm areas of the human body. Vitamins or drugs can be included in the oil phase (O) or in either aqueous phase W.sub.1 or W.sub.2 to enhance the benefits of the multiple emulsions in personal care applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

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L1 44019 S OIL-IN-WATER OR WATER-IN-OIL/TI  
L2 48920 S COSMETIC?  
L3 4650 S L2/TI  
L4 1315 S L1 AND L3  
L5 8045 S EMOLLIENT?  
L6 577 S L4 AND L5  
L7 1302414 S 80  
L8 1302414 S 80%  
L9 496 S L8 AND L6  
L10 77478 S FRAGRANCE OR MODIFIER OR PRESERVATIVE OR PH ADJUSTER  
L11 355 S L9 AND L10  
L12 52252 S MINERAL OIL  
L13 171 S L11 AND L12  
L14 33600 S BODY WASH OR BODY LOTION OR CONDITIONER OR SHAMPOO OR FACIAL  
L15 54 S L13 AND L14  
L16 6324 S SILICONE ELASTOMER?  
L17 1 S L15 AND L16  
L18 715 S OIL IN WATER/TI  
L19 38 S L18 AND L3  
L20 0 S L19 AND L16  
L21 156844 S ELASTOMER?  
L22 2 S' L21 AND L19  
L23 0 S L10 AND L22  
L24 158 S L18 AND COSMETIC?  
L25 87 S L24 AND L10  
L26 50 S L25 AND L12  
L27 2 S L26 AND L16  
L28 1 S L27 AND L14  
L29 106818 S LOTION? OR CONDITIONER? OR CREAM? OR SHAMPOO?  
L30 1 S L28 AND L29

=> s l27 and l29

L31 2 L27 AND L29

=> d ibib abs 1-2

L31 ANSWER 1 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2003:153501 USPATFULL

TITLE: Composition in the form of an oil-in  
water emulsion containing a silicone copolymer  
and showing a liquid crystalline phase and uses thereof

INVENTOR(S): Lennon, Paul, Lyon, FRANCE

PATENT ASSIGNEE(S): L'OREAL, Paris, FRANCE (non-U.S. corporation)

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	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003105169	A1	20030605
APPLICATION INFO.:	US 2002-270338	A1	20021015 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2001-13272	20011015
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET, ALEXANDRIA, VA, 22314	
NUMBER OF CLAIMS:	41	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1050	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition in the form of an oil-in-water emulsion containing, in a physiologically acceptable medium, an oily phase dispersed in an aqueous phase, the aqueous phase containing particles of a noncrosslinked silicone copolymer and at least one amphiphilic surfactant capable of forming liquid crystals.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L31 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER:	1999:106531 USPATFULL
TITLE:	Water-in-oil-in water emulsion
INVENTOR(S):	Lin, Zuchen, Midland, MI, United States Schulz, Jr., William James, Midland, MI, United States Zhang, Shizhong, Midland, MI, United States
PATENT ASSIGNEE(S):	Dow Corning Corporation, Midland, MI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5948855		19990907
APPLICATION INFO.:	US 1999-228863		19990112 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Foelak, Morton		
LEGAL REPRESENTATIVE:	De Cesare, James L.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1017		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A multiple emulsion of the type W.sub.1 /O/W.sub.2 is made by first preparing a primary emulsion W.sub.1 /O using a silicone fluid as the oil phase (O), and an elastomeric silicone polyether as an emulsifier, for dispersing water phase W.sub.1 into oil phase (O). The primary emulsion W.sub.1 /O is then added and dispersed into a final continuous water phase W.sub.2 to form a multiple emulsion W.sub.1 /O/W.sub.2. The multiple emulsions are useful for treating the hair, the skin, or the underarm areas of the human body. Vitamins or drugs can be included in the oil phase (O) or in either aqueous phase W.sub.1 or W.sub.2 to enhance the benefits of the multiple emulsions in personal care applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 15:22:52 ON 22 AUG 2003)

FILE 'USPATFULL' ENTERED AT 15:23:05 ON 22 AUG 2003

L1 44019 S OIL-IN-WATER OR WATER-IN-OIL/TI  
L2 48920 S COSMETIC?  
L3 4650 S L2/TI  
L4 1315 S L1 AND L3  
L5 8045 S EMOLLIENT?  
L6 577 S L4 AND L5  
L7 1302414 S 80  
L8 1302414 S 80%  
L9 496 S L8 AND L6  
L10 77478 S FRAGRANCE OR MODIFIER OR PRESERVATIVE OR PH ADJUSTER  
L11 355 S L9 AND L10  
L12 52252 S MINERAL OIL  
L13 171 S L11 AND L12  
L14 33600 S BODY WASH OR BODY LOTION OR CONDITIONER OR SHAMPOO OR FACIAL  
L15 54 S L13 AND L14  
L16 6324 S SILICONE ELASTOMER?  
L17 1 S L15 AND L16  
L18 715 S OIL IN WATER/TI  
L19 38 S L18 AND L3  
L20 0 S L19 AND L16  
L21 156844 S ELASTOMER?  
L22 2 S L21 AND L19  
L23 0 S L10 AND L22  
L24 158 S L18 AND COSMETIC?  
L25 87 S L24 AND L10  
L26 50 S L25 AND L12  
L27 2 S L26 AND L16  
L28 1 S L27 AND L14  
L29 106818 S LOTION? OR CONDITIONER? OR CREAM? OR SHAMPOO?  
L30 1 S L28 AND L29  
L31 2 S L27 AND L29

=> s l19 and l29

L32 35 L19 AND L29

=> s l32 and l10

L33 26 L32 AND L10

=> s l33 and l16

L34 0 L33 AND L16

=> s silicone?(p)elastomer?

165443 SILICONE?

156844 ELASTOMER?

L35 21894 SILICONE? (P) ELASTOMER?

=> s l35 and l33

L36 0 L35 AND L33

=> s cyclomethicone? or dimethicone?

2712 CYCLOMETHICONE?

4137 DIMETHICONE?

L37 4960 CYCLOMETHICONE? OR DIMETHICONE?

=> s l37 and l32

L38 9 L37 AND L32

=> d 1-19 ibib abs

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L38 ANSWER 1 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2003:26143 USPATFULL  
TITLE: **Cosmetic** or dermatological preparations of  
the **oil-in-water** type  
INVENTOR(S): Muller, Anja, Rumpel, GERMANY, FEDERAL REPUBLIC OF  
Gers-Barlag, Heinrich, Kummerfeld, GERMANY, FEDERAL  
REPUBLIC OF  
PATENT ASSIGNEE(S): Beiersdorf AG, Hamburg, GERMANY, FEDERAL REPUBLIC OF  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6511655	B1	20030128
APPLICATION INFO.:	US 2000-636780		20000811 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1999-19938757	19990816
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Dees, Jose' G.	
ASSISTANT EXAMINER:	DeWitty, Robert	
LEGAL REPRESENTATIVE:	Norris McLaughlin & Marcus	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	1399	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Low-viscosity cosmetic or dermatological preparations of the  
oil-in-water type, which comprise an oil phase, in which hydrophobic  
and/or amphiphilic solids are incorporated, and a water phase, where the  
difference in density between the oil phase and the water phase  
(determinable using a computerized digital density meter of the type DMA  
45 from chempro/PA at 25.degree. C.) is not greater than 0.01  
g.multidot.cm.sup.-3, and method of stabilizing O/W formulations.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L38 ANSWER 2 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2002:268713 USPATFULL  
TITLE: Composition in the form of an **oil-in-**  
**water** emulsion and its uses in particular its  
**cosmetic** uses  
INVENTOR(S): Lorant, Raluca, Thiais, FRANCE  
PATENT ASSIGNEE(S): L'Oreal, Clinchy, FRANCE (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6465402	B1	20021015
APPLICATION INFO.:	US 2000-579435		20000526 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1999-6659	19990526
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Webb, Gregory E.	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	861	

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to an oil-in-water emulsion composition, including: an oily phase dispersed in an aqueous phase; wherein the oily phase includes at least one crosslinked solid organopolysiloxane elastomer having at least one oxyalkylene group; and wherein the aqueous phase includes at least one polymer which is soluble or swellable in water. The present invention also relates to a cosmetic composition containing the above-noted composition, and methods of using. The present invention makes it possible to prepare oil-in-water emulsions which are stable even though they may not contain a conventionally used surfactant, this stability persisting even when the level of oily phase is high. Furthermore, the present invention provides compositions that are advantageously fresh and comfortable during application to the skin, which effects are otherwise not obtained with conventional compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L38 ANSWER 3 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2002:24042 USPATFULL

TITLE: Oil-in-water emulsions containing a 1,3,5-triazine derivative and a copolyol silicone and cosmetic applications

INVENTOR(S): Hansenne, Isabelle, Paris, FRANCE  
Josso, Martin, Paris, FRANCE  
Nodari, Laurent, Argenteuil, FRANCE

PATENT ASSIGNEE(S): Societe L'Oreal S.A., Paris, FRANCE (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6344186	B1	20020205
	US 2002018758	A1	20020214
	WO 9929291		19990617
APPLICATION INFO.:	US 1999-355739		19991222 (9)
	WO 2000-FR9802425		20000118
			19991222 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1997-15310	19971204
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Joynes, Robert M.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	807	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present application relates to novel oil-in-water emulsions comprising i) at least one specific 1,3,5-triazine derivative and ii) at least one polyalkyl-polyethersiloxane carrying polyoxyalkylene groups grafted onto the main silicone chain; with the proviso that the said emulsions do not comprise cetylstearyltrimethylammonium chloride.

Another subject-matter of the present invention is the use of such emulsions in the manufacture of cosmetic or dermatological compositions intended for the photoprotection of the skin and/or hair and/or other keratinous substances against ultraviolet radiation, in particular solar radiation.



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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L38 ANSWER 4 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2001:86026 USPATFULL  
TITLE: Fluid composition in the form of an **oil-in-water** emulsion comprising an acrylic terpolymer and its uses, in particular its **cosmetic** uses  
INVENTOR(S): Simon, Pascal, Vitry sur Seine, France  
PATENT ASSIGNEE(S): L'Oreal, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6245322	B1	20010612
APPLICATION INFO.:	US 2000-503200		20000214 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1999-3319	19990317
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Dodson, Shelley A.	
ASSISTANT EXAMINER:	George, Konata M.	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	488	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A fluid composition in the form of an oil-in-water emulsion comprising, in a physiologically acceptable medium, an oily phase dispersed in an aqueous phase and comprising up to 0.5% by weight of active material with respect to the total weight of the composition of at least one acrylic terpolymer obtained from a carboxylic acid comprising .alpha., .beta.-ethylenic unsaturation, from a non-surface-active monomer comprising ethylenic unsaturation other than (a), and from a non-ionic urethane monomer which is the reaction product of a monohydric non-ionic amphiphilic compound with an isocyanate comprising monoethylenic unsaturation. The composition may be used, for example, for caring for, removing make-up from, cleansing and/or scenting the skin, hair and/or lips. The composition may also be used for impregnating fabrics intended for cleansing and/or removing make-up from the skin, lips and/or eyes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L38 ANSWER 5 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2001:67159 USPATFULL  
TITLE: Composition in the form of an **oil-in-water** emulsion comprising an acrylic terpolymer and its uses, in particular its **cosmetic** uses  
INVENTOR(S): Simon, Pascal, Vitry sur Seine, France  
Bordeaux, Dominique, Longpont sur Orge, France  
PATENT ASSIGNEE(S): L'Oreal, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6228348	B1	20010508
APPLICATION INFO.:	US 2000-503196		20000214 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2000-9903320	20000317
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	

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PRIMARY EXAMINER: Dodson, Shelley A.  
ASSISTANT EXAMINER: George, Konata M.  
LEGAL REPRESENTATIVE: Oblon, Spivak, McClelland, Maier & Neustadt, P.C.  
NUMBER OF CLAIMS: 18  
EXEMPLARY CLAIM: 1  
LINE COUNT: 557

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition in the form of an oil-in-water emulsion comprising, in a physiologically acceptable medium, an oily phase dispersed in an aqueous phase and comprising at least one acrylic terpolymer obtained from the polymerization of a carboxylic acid monomer having .alpha.,.beta.-ethylenic unsaturation, a non-surface-active monomer comprising ethylenic unsaturation other than (a), and a non-ionic urethane monomer which is the reaction product of a monohydric non-ionic amphiphilic compound with an isocyanate comprising monoethylenic unsaturation, in which the terpolymer/oily phase ratio by weight ranges from 1/50 to 1/125. The composition is particularly suited for cosmetic and/or dermatological applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L38 ANSWER 6 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2000:131422 USPATFULL  
TITLE: Stable oil-in-water emulsion,  
process for its manufacture and its use in the  
cosmetic and dermatological fields  
INVENTOR(S): Simonnet, Jean-Thierry, Paris, France  
Le Verge, Danielle, Vigneux sur Seine, France  
Legret, Sylvie, Chatillon, France  
Hansenne, Isabelle, Paris, France  
PATENT ASSIGNEE(S): L'Oreal, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6126948		20001003
APPLICATION INFO.:	US 1998-41664		19980313 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1997-3017	19970313
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Williamson, Michael A.	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
LINE COUNT:	505	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A fine and stable emulsion of an oily phase in an aqueous phase containing ionic polymer particles, the oil globules of the emulsion having a mean size of at most 500 nm, a process for the stabilization of fluid emulsions, a process for the preparation of these emulsions and their use in the cosmetic and dermatological fields and more particularly as composition for anti-sun protection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L38 ANSWER 7 OF 9 USPATFULL on STN

ACCESSION NUMBER: 1999:155216 USPATFULL  
TITLE: Oil-in-water emulsion, a  
composition comprising this emulsion and use of this  
emulsion in cosmetics and in hygiene

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INVENTOR(S) : Lorant, Raluca, Thiais, France  
Terren, Nadia, Chevilly Larue, France  
Favre, Sophie, Chevilly Larue, France  
Griat, Jacqueline, Ablon, France  
PATENT ASSIGNEE(S) : L'Oreal, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5993832		19991130
APPLICATION INFO.:	US 1997-811844		19970305 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1996-2750	19960305
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Venkat, Jyothsna	
LEGAL REPRESENTATIVE:	Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	1	
LINE COUNT:	666	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oil-in-water emulsion comprising an aqueous phase, a fatty phase, at least one silicone surfactant comprising at least one anionic group and at least one acidic compound other than the silicone surfactant, and a composition comprising such an emulsion. The invention also relates to the use of a silicone surfactant comprising at least one anionic group for the preparation of a stable emulsion comprising at least one acidic compound other than the silicone surfactant.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L38 ANSWER 8 OF 9 USPATFULL on STN

ACCESSION NUMBER: 1998:115431 USPATFULL

TITLE: **Oil-in-water cosmetic**  
emulsions containing a stabilized protease

INVENTOR(S) : Chandar, Prem, Closter, NJ, United States  
Richardson, Norman Kramer, Rockaway, NJ, United States  
Battaglia, Alyse, Hoboken, NJ, United States  
Cicciari, Karla Jean, Ramsey, NJ, United States  
El-Kadi, Kara Newell, Chester, NJ, United States

PATENT ASSIGNEE(S) : Chesebrough-Pond's USA Co., Division of Conopco Inc.,  
Greenwich, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5811112		19980922
APPLICATION INFO.:	US 8669163		19970530 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Levy, Neil S.		
LEGAL REPRESENTATIVE:	Mitelman, Rimma		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
LINE COUNT:	698		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Cosmetic oil-in-water emulsions which are intended to be left on the skin after application (not rinsed off) the emulsions incorporating a stabilized protease. The cosmetic emulsions useful in treatment of dry, flaky, rough, aged, wrinkled or cellulosic skin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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L38 ANSWER 9 OF 9 USPATFULL on STN

ACCESSION NUMBER: 96:96770 USPATFULL

TITLE: **Cosmetic** compositon in the form of a gelled  
triple water/silicone **oil/water**  
emulsion

INVENTOR(S): Nadaud, Jean F., Paris, France  
Sebillotte, Laurence, Creteil, France

PATENT ASSIGNEE(S): L'Oreal, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5567426		19961022
	WO 9401073		19940120
APPLICATION INFO.:	US 1995-367244		19950106 (8)
	WO 1993-FR658		19930630
			19950106 PCT 371 date
			19950106 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1992-8532	19920709
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Sweet, Mark D.	
LEGAL REPRESENTATIVE:	Cushman Darby & Cushman, L.L.P.	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	886	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A gelled silicone/water triple water/oil emulsion comprises (A) a gelled continuous external aqueous phase containing at least a C.sub.3 -C.sub.6 monoethylene carboxylic acid anhydride or acid/fatty chain acrylic ester copolymer type fatty chain gelling agent, and (B) a silicone fatty phase comprising at least the silicone oil and a silicone emulsifier, forming a primary W/O emulsion with an aqueous phase. The triple emulsion disclosed may be used as a base for cosmetic or dermatologically active compositions for use on the skin or hair.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.